PREDICTING HEPATOTOXICITY USING CELL BASED ASSAYS

ABSTRACT OF THE INVENTION

[00145]   Cell based assays are used to assess the hepatotoxicity of a stimulus. Imaging technologies are used to analyze the effects of a stimulus on hepatocytes. Image analysis may characterize the stimulus on the basis of whether it is hepatotoxic, and if so what type of pathology is exhibited; *e.g.*, apoptosis, necrosis, cholestasis, and/or steatosis.